

Title (en)

ADAPTIVE ASSIGNMENT OF UNIQUE WORDS IN A COMMUNICATION SYSTEM

Title (de)

ADAPTIVE ZUWEISUNG EINMALIGER WÖRTER IN EINEM KOMMUNIKATIONSSYSTEM

Title (fr)

ATTRIBUTION ADAPTATIVE DE MOTS UNIQUES DANS UN SYSTÈME DE COMMUNICATION

Publication

EP 1977620 A1 20081008 (EN)

Application

EP 07716754 A 20070118

Priority

- US 2007001306 W 20070118
- US 33839106 A 20060123

Abstract (en)

[origin: US2007173258A1] A method and system for assigning unique words in an SDMA (spatial division multiple access) communication system is provided. A network management system logically arranges cell stations into clusters of stations, and monitors for a heavy traffic condition. Responsive to determining that a heavy traffic condition exists, the network management system may 1) redistribute unique words within a single cluster; 2) move one or more cell stations from a busy cluster to a less busy cluster; or 3) create a new cluster, and move cells from one or more busy cluster into the new cluster. In this way, the communication system continually adapts so that more unique words are made available at cell stations having heavier communication demands.

IPC 8 full level

H04W 16/10 (2009.01)

CPC (source: EP KR US)

H04L 43/062 (2013.01 - KR); **H04W 16/08** (2013.01 - KR); **H04W 16/10** (2013.01 - EP KR US); **H04W 72/52** (2023.01 - KR)

Citation (search report)

See references of WO 2007087217A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007173258 A1 20070726; **US 7565151 B2 20090721**; AT E476845 T1 20100815; CN 101375620 A 20090225; CN 101375620 B 20120919; DE 602007008200 D1 20100916; EP 1977620 A1 20081008; EP 1977620 B1 20100804; JP 2009524352 A 20090625; JP 4769874 B2 20110907; KR 101058259 B1 20110822; KR 20080107364 A 20081210; WO 2007087217 A1 20070802

DOCDB simple family (application)

US 33839106 A 20060123; AT 07716754 T 20070118; CN 200780003320 A 20070118; DE 602007008200 T 20070118; EP 07716754 A 20070118; JP 2008551384 A 20070118; KR 20087019438 A 20070118; US 2007001306 W 20070118